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## OCTOBER 26.

The President, Dr. RUSCHENBERGER, in the chair.

Nineteen persons present.

The deaths of Dr. Chas. H. Budd and of Joshua Lippincott, members, were announced.

Samuel R. Knight, M. D., and Rev. Wm. F. C. Morsell were elected members.

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## NOVEMBER 2.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-four persons present.

*Rain Trees. Note on Yucca gloriosa.*—Mr. THOMAS MEEHAN referred to a branch of *Yucca gloriosa*, exhibited a few evenings ago, taken from a plant growing in his garden, and which had flowered during September, the usual period for blooming near Philadelphia. Walking through his garden with Mr. Isaac C. Martindale, the latter had called his attention to moisture which covered the whole outer surface of the flowers, and collected in drops at the drooping apices of each leaf of the perianth. The plant was within a few days of going wholly out of bloom, but during these few days the exhibition of moisture continued, and the appearance of the leaves beneath showed that the dropping of liquid had been going on for some time, and perhaps during the whole flowering season. There was no perceptible sweetness in the liquid, but the presence of ants indicated that it might possibly have a slightly saccharine character, though not sensible to the human tongue. It was difficult to decide whether this liquid was an exudation from the leaves of the perianth or was simply an exercise of the power of condensing moisture in the atmosphere which some plants possessed, notably the *Pithecellobium Saman*, Benth., famous as the "Rain-tree" of Peru, which watered its own roots by the moisture condensed from the atmosphere, thus enabling the tree to live in almost rainless regions, if the reports of travelers are to be fully credited. He hoped to make further observations on the *Yucca* another year.

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## NOVEMBER 9.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty-four persons present.

The resignation of Mr. Geo. Vaux as a member of Council was read and accepted.